

Converting Colors

XYZ(19.1868, 15.5619, 20.6617)

Have a look what the booklet for
XYZ(19.1868, 15.5619, 20.6617)
contains.

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Color

**XYZ(19.1690, 15.5438,
20.7288)**

Conversions

Conversions Part 1

Format	Color
Hex	905F7B
RGB	144, 95, 123
RGB Percent	56%, 37%, 48%
CMY	0.4353, 0.6274, 0.5176
CMYK	0.00, 0.34, 0.15, 0.44
HSL	326°, 21%, 47%
HSV	326°, 34%, 56%
XYZ	19.1690, 15.5438, 20.7288
YIQ	112.8430, 20.2160, 19.0960

Conversions

Conversions Part 2

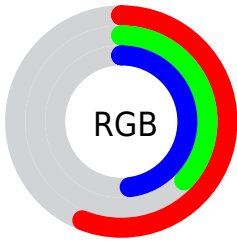
Format	Color
R_{YB}	144, 95, 123
Decimal	9461627
CIE Lab	46.37, 24.38, -7.52
CIE LCh	46, 25.514, 342.860
Yxy	15.5438, 0.3458, 0.2804
Android (android.graphics.Color)	4287651707 (0xFF905F7B)
YUV	112.8430, 5.0074, 27.3247
Hunter-Lab	39.4256, 17.7930, -3.5749

Details

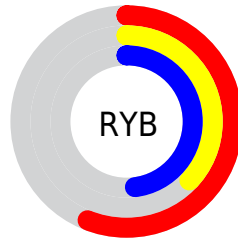
The XYZ color **19.1690, 15.5438, 20.7288** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.8457, 23.6409, 20.1468**, and the grayscale version is **15.6314, 16.4454, 17.9091**.

A 20% lighter version of the original color is **41.5699, 35.7950, 45.2756**, and **6.7066, 4.8836, 7.0677** is the 20% darker color. If you saturate the color by 10%, you get **17.6156, 13.0358, 18.3646**, and if you desaturate by 10%, it is **20.9875, 18.5426, 23.3019**.

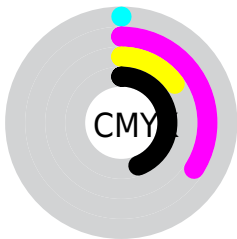
Distribution



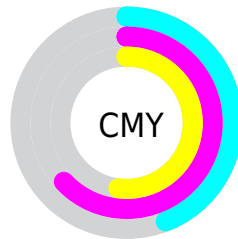
- Red (56%)
- Green (37%)
- Blue (48%)



- Red (56%)
- Yellow (37%)
- Blue (48%)



- Cyan (0%)
- Magenta (34%)
- Yellow (15%)
- Black (44%)



- Cyan (44%)
- Magenta (63%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1690, 15.5438, 20.7288 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 19.1690, 15.5438, 20.7288 by changing the saturation by 10% instead.

■ 19.1690, 15.5438,
20.7288

■ 19.1690, 15.5438,
20.7288

240.3004,
226.6345, 268.5672

■ 11.8972, 9.2019,
12.7366

■ 41.5341, 35.8044,
45.5107

■ 6.7454, 4.8731,
7.1188

■ 57.3582, 50.4919,
63.1374

■ 3.3483, 2.1730,
3.4570

■ 76.7637, 68.7300,
84.8127

■ 1.3405, 0.7052,
1.3324

■ 100.1160, 90.9032,
110.9552

■ 0.2132, 0.0000,
0.0881

127.7804,
117.3959, 141.9833

■ 0.0000, 0.0000,
0.0000

160.1224,

148.5924, 178.3157

197.5073,
184.8771, 220.3708

■ 19.1690, 15.5438,
20.7288

■ 19.1690, 15.5438,
20.7288

■ 17.6156, 13.0358,
18.3646

■ 20.9875, 18.5426,
23.3019

■ 16.3122, 10.9898,
16.2015

■ 23.0823, 22.0545,
26.0894

■ 15.2444, 9.3772,
14.2327


■ 25.4657, 26.1034,
29.0974


■ 14.3953, 8.1655,
12.4503


■ 28.1489, 30.7107,
32.3319


■ 13.7461, 7.3175,
10.8455


■ 31.1423, 35.8967,
35.7981


 13.2736, 6.7875,
9.4081

 34.4559, 41.6809,
39.5015

 13.0355, 6.5429,
8.6148

 38.0992, 48.0816,
43.4471

 42.0813, 55.1165,
47.6398

 46.4111, 62.8025,
52.0843

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.8238, 15.5438, 27.3797



19.1690, 15.5438, 20.7288



19.2659, 15.5438, 14.3824

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.1690, 15.5438, 20.7288



13.8573, 15.5438, 7.6872



11.9001, 15.5438, 26.5124

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



19.1690, 15.5438, 20.7288



17.8457, 23.6409, 20.1468

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.0408, 15.5438, 19.7499



19.1690, 15.5438, 20.7288



12.0934, 15.5438, 9.5409

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.1690, 15.5438, 20.7288



16.0485, 15.5438, 7.8256



11.1079, 15.5438, 13.6168



13.5686, 15.5438, 31.2434

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



19.1690, 15.5438, 20.7288



18.5964, 15.5438, 11.1935



11.1079, 15.5438, 13.6168



11.5148, 15.5438, 24.3385

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



19.1695, 15.5445, 20.7291



42.2562, 41.5130, 47.9955



16.2521, 13.8720, 28.2069



9.5716, 9.3187, 10.8553



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.1695, 15.5445, 20.7291



31.6297, 23.8872, 33.2709



17.8506, 15.0170, 13.7839



5.5299, 5.4725, 6.2882



11.3633, 5.7023, 7.5646



0.1197, 0.0589, 0.1306

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.1695, 15.5445, 20.7291



31.6297, 23.8872, 33.2709



19.4206, 24.2709, 28.4403



5.5299, 5.4725, 6.2882



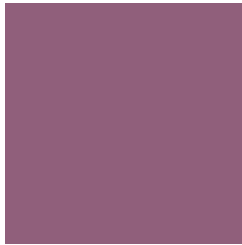
11.3633, 5.7023, 7.5646



0.1197, 0.0589, 0.1306

Previews

White Background



This preview shows how the XYZ color 19.1690, 15.5438, 20.7288 looks on a white background.

Color Contrast Check

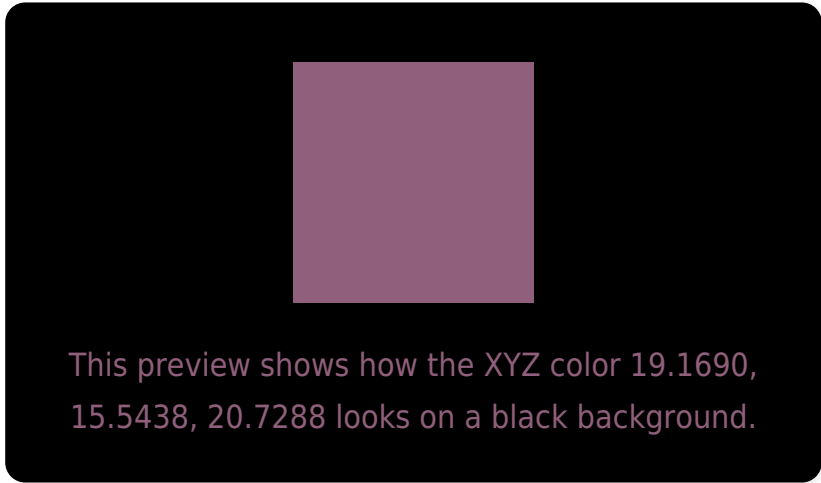
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1690, 15.5438, 20.7288

Background



This preview shows how black text looks on a background with the XYZ color 19.1690, 15.5438, 20.7288.



This preview shows how white text looks on a background with the XYZ color 19.1690, 15.5438,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

19.1690, 15.5438, 20.7288

Protanopia

15.4592, 15.6065, 24.0274

Deuteranopia

15.9113, 15.6089, 20.2634



Tritanopia

18.1245, 15.5268, 15.6774

Trichromacy



Original Color

19.1690, 15.5438, 20.7288

Protanomaly

16.5205, 15.4075, 22.8721

Deuteranomaly

16.9673, 15.5413, 20.5178

Tritanomaly

18.5270, 15.5589, 17.3559

Monochromacy



Original Color

19.1690, 15.5438, 20.7288

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.6771, 15.8775, 19.0153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1690, 15.5438, 20.7288 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(144, 95, 123)` looks like.

```
.text, #text, p{  
    color:rgb(144, 95, 123)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(144, 95, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 95, 123) }
```

Border

The CSS property to change the border of an element to XYZ 19.1690, 15.5438, 20.7288 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 95, 123) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(144, 95, 123) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(144, 95, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 95, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 95, 123);  
box-shadow:4px 4px 4px 4px rgb(144, 95,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1690, 15.5438, 20.7288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 95, 123) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(144, 95,  
123) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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